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DCI/IC 74-1087

13 August 1974

K1 MEMORANDUM FOR: [REDACTED]  
K1 VIA : [REDACTED]  
SUBJECT : Summary of Worldwide Military Command-  
Control System Architects Meeting

1. This memorandum summarizes a discussion of a meeting held on 6 August between representatives of the IC Staff and IBM contractors to the Worldwide Military Command and Control System (WWMCCS) Architecture Management Office. The purpose of the meeting was to:

a. establish contact with the Intelligence Community Staff;

b. describe the function of the Architecture Management Office (AMO);

c. explain the current progress of the military command and control project in DOD;

d. identify ways in which the IC Staff could assist the AMO;

e. determine what plans the Intelligence Community has for interfacing with the Military Command and Control System.

2. The discussion was held in the IC Staff conference room at the TS/SI/TK level and the following persons attended:

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3. The meeting was divided into three parts:

a. introduction and overview on the organization of the National Intelligence Community;

b. background on the Worldwide Military Command and Control System with specific reference to the Architecture Management Office; and

c. question and answer period.

4. Introduction and overview. [ ] Acting Chairman of the USIB Information Handling Committee and host of the meeting, described the functions of the IHC, the IHC/SS, the IC Staff and its divisions and their relationships to the DCI, USIB and IRAC. He noted that the interface with intelligence to command and control include communications, computers, installations, command posts, etc. He mentioned [ ] work on crisis management as item of interest.

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5. Background of WWMCCS. Mr. Luckom, Chief of the Architecture Management Office and IBM contractor, described the organization of the WWMCCS effort under the SecDef, illustrating the relationship of WWMCCS Council and its Support Group to the Director, Telecommunication and Command and Control Systems (DTACCS). The WWMCCS Architecture Management Office is organized into the Subsystem Analysts Group, the Architecture Planning Group and the Requirements Analysts Group which is headed by V. V. MacRay, and includes the Interface Requirements Analysts effort headed by Mr. Luckom himself. His effort is directed toward understanding the Military commands and Defense agencies on the one hand, and Mr. Newsome's effort is focused on Intelligence Requirements of those Commands. Mr. Luckom indicated that contact had been established with NSA [ ] and DIA [ ] and Navy IDHS (Capt. Tillerson), but not with the Army, Air Force, CIA or the IC Staff. Mr. Luckom also described the primary nature of intelligence inputs to the Command and

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Control System. Essentially those requirements are stated in terms of the operational elements of the JCS (J-3). He pointed out that "...operators have difficulty in stating requirements when they know little about what intelligence can provide, and it is difficult for intelligence to know what operations really needs." He added that these difficulties are complicated by the growing need for near realtime interfaces and by the compartmentation practiced by both intelligence and operations. (Mr. Luckom will forward within two weeks specific terms of reference and background material on WWMCCS).

6. Questions and answers. It is important to keep in mind that WWMCCS is being designed for 1980-85-95, with Mr. Luckum's study effort focused on 1985, since 1980 is too near in the planning, programming and budget sense to do much changing. Based on the 1985 target date, he needs information on the following:

a. the kind of production support available from the CIA to WWMCCS, either through DIA as J-2 or directly;

b. overhead imagery systems, specifically their capabilities; for example

(1) How fast can it get to the intelligence processor at NPIC?

(2) Is imagery sent by film, or other means?

(3) How do results of processing get to the analyst and then to the operational user?

c. current intelligence community planning in terms of information handling, techniques of analysis, information transfer and communications between the community and WWMCCS.

7. Mr. Luckum's study effort is divided into three phases:

a. by the end of November 1974, he must establish WWMCCS requirements with respect to the nuclear situation (reference to NSDM 242);

b. by February 1975, he examines crisis communications;

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c. by May 1975 he must have an overall study complete in a form to brief the WWMCCS Council on broad alternatives, and have the Council respond by narrowing the scope of his future work. Therefore, he would like intelligence briefings completed by the end of September, and will need a first cut survey of the intelligence community by then. He would like to remain in contact with IC Staff on the details of his study up through his May 1975 deadline.

K1 8. IC Staff and IHC Involvement. The present concept, subject to approval, is to have a defacto Working Group established consisting of the people present at the 6 August meeting, plus those who could be brought in later as required, i.e., [ ] CIA/OC, NPIC, State/INR (Bill Berry), etc. The Chairman of the Working Group would disseminate factual information, memorandum, and reports of what is going on in the WWMCCS Interface Working Group to everyone concerned. In addition, IHC would do the following:

a. Serve as the mechanism to help make contacts, share information around the intelligence community, etc. Rationale: We do not need to set up a separate data collecting group, because there are enough USIB instrumentalities already, and in this case, IHC. The IC Staff and IHC would be involved only to the extent necessary to monitor briefings the IBM people receive in the community and to learn about the WWMCCS process ourselves.

K1 b. [ ] as Acting Chairman of IHC would chair the group as a matter of protocol. [ ] IHC Support Staff would be the action officer and Capt. [ ] [ ] ICS/SS would be Executive Secretary and assist Stout with action officer responsibilities.

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9. Recommendations. Request approval to proceed with the plan as outlined above in paragraph 8 including the authorization to arrange the following schedule of briefings for the IBM contractors.

- a. CIA Communications Network
- b. CIA Operations Center
- c. NPIC Activities (Present-Planned)
- d. State Operations Center/INR
- e. Community Intelligence Security Policies

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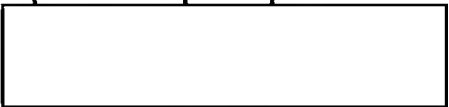
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- f. Family of National Products --  
NOWION, NOIAN/Context
- g. National Intelligence Center  
(Watch Committee)
- h. IHC Service Reps.

10. This is a summary of the discussion of 6 August.  
More detailed information on WWMCCS project will be available  
and disseminated upon receipt of Mr. Luckom's package.

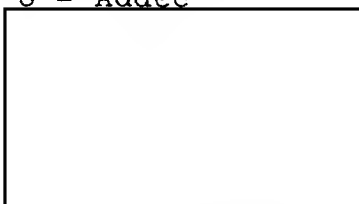
  
Acting Executive Secretary for  
WWMCCS Interface Working Group


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